

KD-Validated Anti-CWC27 Mouse Monoclonal Antibody

Mouse monoclonal antibody

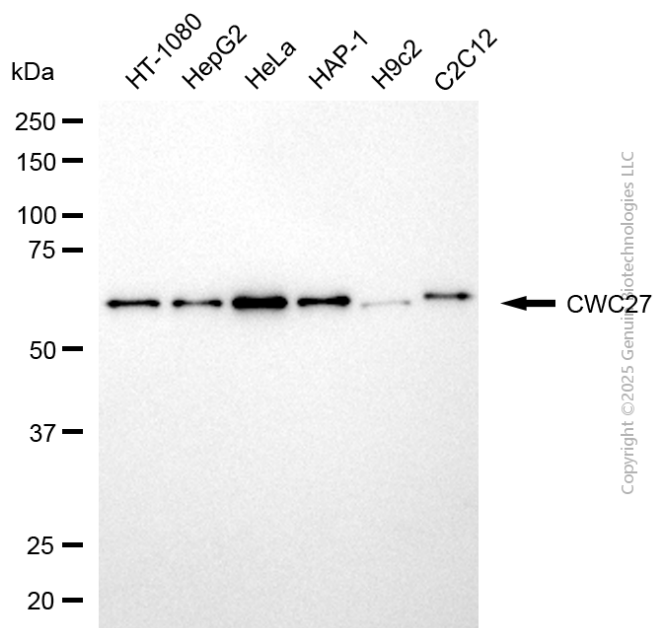
ABG2044

Product Overview

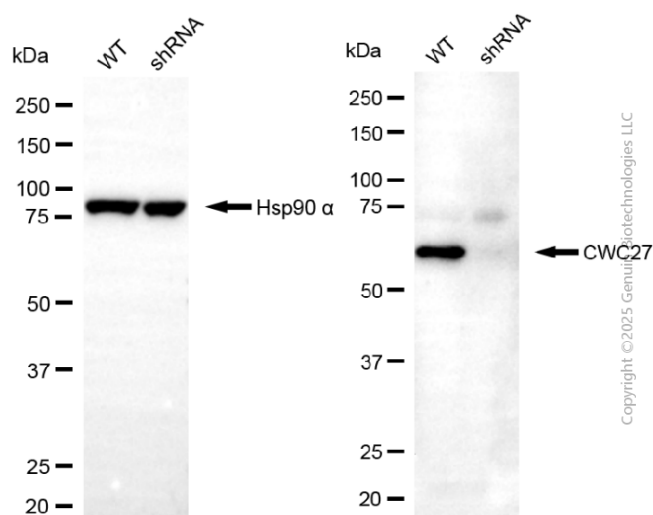
Name	KD-Validated Anti-CWC27 Mouse Monoclonal Antibody
Accession(Primary)	Q6UX04
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CWC27
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 54 kDa, observed, 62 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500Flow Cytometry (FCM): 1:1,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q6UX04)

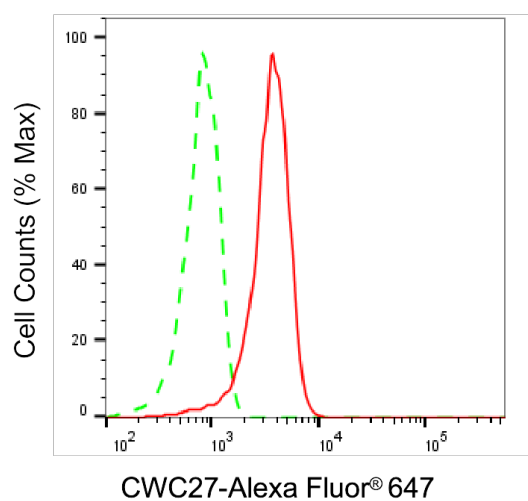
Gene Name	CWC27
About Gene Symbol	CWC27 (CWC27 Spliceosome Associated Cyclophilin) is a peptidylprolyl isomerase (cyclophilin) involved in adaptive immunity. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeut



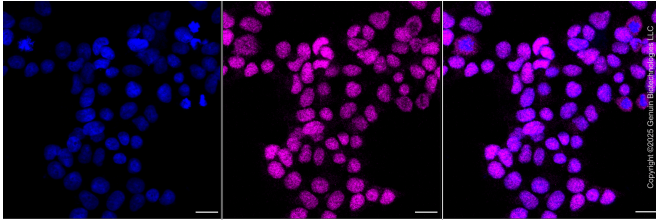
Western blotting analysis using anti-CWC27 antibody (Cat#ABG2044). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CWC27 antibody (Cat#ABG2044, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-CWC27 antibody (Cat#ABG2044). CWC27 expression in wild-type (WT) and CWC27 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CWC27 antibody (Cat#ABG2044, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of CWC27 expression in HeLa cells using anti-CWC27 antibody (Cat#ABG2044, 1:1,000). Green, isotype control; red, CWC27.



Immunocytochemical staining of HepG2 cells with anti-CWC27 antibody (Cat#ABG2044, 1:1,000).

Nuclei were stained blue with DAPI; CWC27 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.